

ECS/EMD Configuration Change Request

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1. Originator Henry Baez	2. Log Date: 12/15/2004	3. CCR #: 04-0677	4. Rev:	5. Tel: 301-925-1025	6. Rm #: 3108G	7. Org. COTS HW
8. CCR Title: Install Portus 5.1.5 and BIND 9.2.3 on VATC firewalls for testing.						
9. Originator Signature/Date Henry Baez /s/ 12/15/2004			10. Class II	11. Type: CCR	12. Need Date: 12/28/2004	
13. CCR Sponsor Signature/Date Pamela Johnson /s/ 12/15/2004			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist):			17. Schedule Impact:		18. CI(s) Affected:	
19. Release Affected by this Change:		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) The firewall vendor Portus informed us that they would stop providing fixes for current version 5.0.9 after end of year. Portus has added to current version DAAC requested feature. Portus 5.1.5 offers new feature that need to be tested. Each firewall acts as name (BIND) server for the site. Portus provided the present BIND version we use. Portus is now shipping BIND 9.2.3 with 5.1.5. Again, security wise updating BIND is very prudent.						
24. Proposed Solution: (use additional sheets if necessary) Install Portus and BIND in VATC firewall for testing. Have a test plan to check out present flows are not affected. Test plan also tests new features. Three previous Portus upgrade have been very easy and had minimal impact on operations. Install can be reverse in a few minutes. New BIND will be installed in it's own directory and we have the ability to switch between versions by killing one process and staring another. There is minimal operational impact to VATC.						
25. Alternate Solution: (use additional sheets if necessary) None.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Number of spam email keeps going up. More sophisticated scans, probes and attacks are coming. Maintaining firewall application current is very important.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date): Abdollah Abtahi /s/ 12/16/2004			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			